

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS.)

DPM 1171-1

1. PRODUCT NAME, NUMBER, SYNONYM: Silver-Lume* Brightener B
2. MANUFACTURER'S NAME: M&T Chemicals Inc.
3. MANUFACTURER'S ADDRESS: P.O. Box 1104, Rahway, New Jersey 07065
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Normal procedure.
5. TRANSPORTATION AND STORAGE REQUIREMENTS: No special storage or transportation requirements. Not a D.O.T. regulated product.
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: Flush with water.
- B. EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
- C. INHALATION: _____
- D. ANTIDOTE IN CASE OF SWALLOWING: _____
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: _____
- B. LOCAL EFFECTS UPON EYES: May be mildly irritating.
- C. LOCAL EFFECTS UPON SKIN: May be mildly irritating.
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): _____
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): _____
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): _____
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1) _____ B. VAPOR DENSITY (AIR = 1) _____
- C. VAPOR PRESSURE mm Hg AT 25°C. _____ D. pH _____
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: _____

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F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
<u>Proprietary aqueous mixture of a sulfur-containing oil.</u>	
<u>Sulfur-containing oil</u>	<u>Less than 40%</u>
<u>Water</u>	<u>Over 60%</u>

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? _____

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Normal for chemicals.

Silver-Lume* B is generally considered to be non-hazardous. However, as with all industrial chemical, this material should be handled according to commonly accepted "safe practice" procedures.

10. RECOMMENDED PROTECTIVE EQUIPMENT: _____

Normal for chemicals of this nature.

11. A. FLASHPOINT °F: CLOSED CUP _____; OPEN CUP _____; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

N/A

B. EXPLOSIVE LIMITS (% VOL. AIR): N/A LOWER _____; UPPER _____

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO _____

D. FIRE POINT °F _____; AUTO IGNITION TEMPERATURE °F _____

E. VAPOR DENSITY _____

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? _____

G. SUITABLE EXTINGUISHING AGENTS: _____

12. INFORMATION FURNISHED BY: Arthur A. Kornhauser

TITLE: Labeling and Packaging Coordinator

COMPANY: M&T Chemicals Inc.

ADDRESS: P.O. Box 1104, Rahway, New Jersey 07065

DATE: 1/11/72

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.